



OWNER'S MANUAL

AIR CONDITIONER REMOTE CONTROLLER ILLUSTRATION



Thank you very much for purchasing our air conditioner.
Please read this owner's manual carefully before using your air conditioner.

Cautions

1. When replacing batteries, do not use old batteries or different type batteries. Otherwise it may cause the remote controller to malfunction.
2. If you do not use the remote controller for a few weeks or more, remove the batteries. Otherwise, battery leakage may damage the remote controller.
3. The average battery life during normal use is approximately half a year. Replace the batteries when there is no receiving beep from the indoor unit or if the transmission indicator on the remote controller fails to light.
4. Be sure there are no barriers between the remote controller and the receiver of indoor unit otherwise the air conditioner will not work.
5. Keep the Remote Controller away from all liquids.
6. Protect the Remote Controller from high temperatures and exposure to radiation.
7. Keep the indoor receiver out of direct sunlight or the Air Conditioner may malfunction.
8. Keep the remote controller away from EMI (Electro-Magnetic Interference) supplied by other household appliances.

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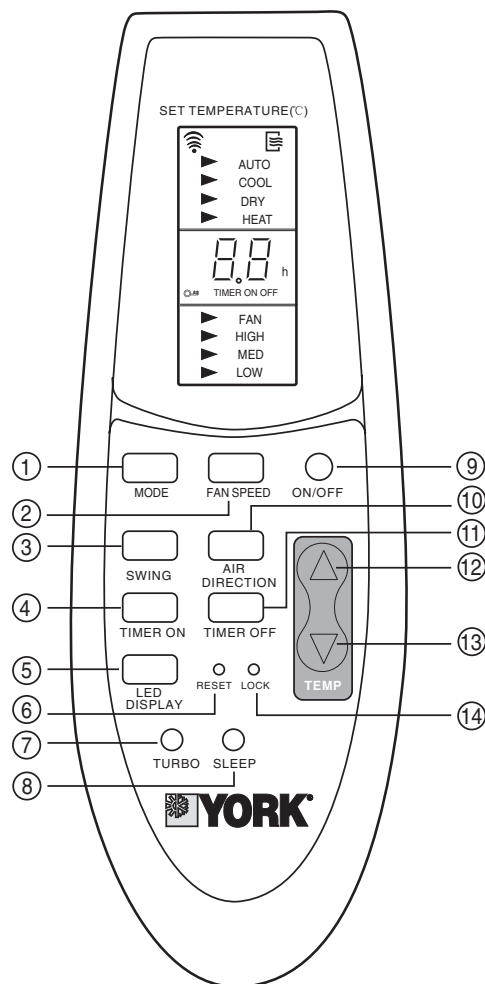
Performance Features

1. Operating Mode: AUTO, COOL, DRY, HEAT, and FAN .
2. Timer Setting Function in 24 hours.
3. Indoor Setting Temperature Range : 17°C~30°C.
4. LCD (Liquid Crystal Display) of all functions.
5. Night light function

Specifications

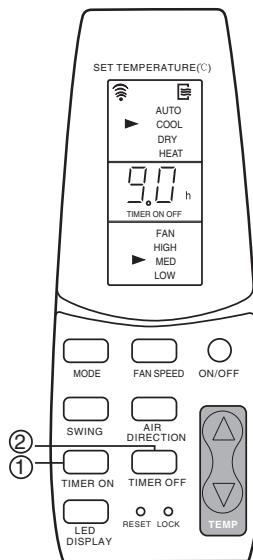
Model	R91/BGE, R91/BGCE, R91A/BGE, R91/BGCE
Rated Voltage	3.0V
Lowest Voltage of CPU Emitting Signal	2.0V
Reaching Distance	8m (when using 3.0 voltage, it gets 11m)
Environment Temperature Range	-5°C ~ 60°C

Features of remote controller



REMARK: "TIMER", "AIR DIRECTION", "LED DISPLAY", "TURBO", "SLEEP" functions are not available for cassette type and other light commercial type A/C.

Timer operation



Set the starting & stopping time

1. Push the TIMER ON button, the remote controller will show TIMER ON, the last set time for START operation and the signal "h" will be shown on the LCD display area.
You are now ready to readjust the TIMER ON to start the operation.
2. Push the TIMER ON button again to set the time you want to start the operation.
3. Push the TIMER OFF button, the remote controller will show TIMER OFF, the last set time for STOP operation and the signal "h" will be shown on the LCD display area. You are now ready to reset the time to STOP operation.
4. Push the TIMER OFF button again to set the time you want to stop the operation.
5. After setting the TIMER, there will be a one-half second delay before the remote controller transmits the signal to the Air Conditioner. Then, after approximately another 2 seconds, the set temperature will re-appear on the digital display.

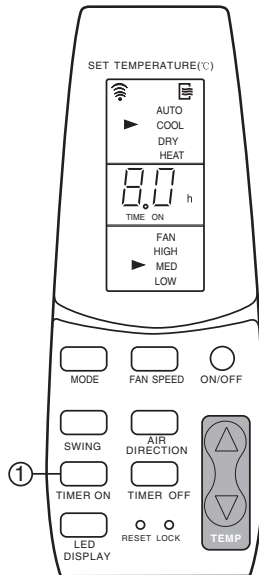
Notes:

- The timer setting (TIMER ON or TIMER OFF) that in sequence occurs directly after the actual time will be activated first.
- If the same time is set for both TIMER ON and TIMER OFF settings, the TIMER OFF time will automatically increase 0.5h (the set time is less than 10 hours) or ① hour (the set time is more than 10 hours). If the time settings for both TIMER ON and TIMER OFF are 24 hours, the TIMER ON settings will automatically decrease 1 hour.

Change the TIMER

To change the TIMER ON/OFF time, just press the corresponding TIMER button and reset the time.

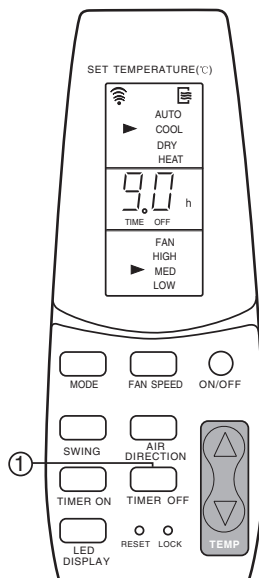
Timer operation



TIMER ON button can set the auto-on time of the unit. TIMER OFF button can set the auto-off time of the unit.

To set the starting time

1. Push the TIMER ON button, then the remote controller shows TIMER ON, the last set time for the starting operation and the signal "h" will be shown on the LCD DISPLAY area. You are now ready to reset the time to START the operation.
2. Push the TIMER ON button again to set desired unit start time.
3. After setting the TIMER ON, there will be a one-half second delay before the remote controller transmits the signal to the air conditioner. Then, after approximately another 2 seconds, the signal "h" disappears and the set temperature will re-appear on the digital display.



To set the stopping time

1. Push the TIMER OFF button and the remote controller will show TIMER OFF, the last set time for the stopping operation and the signal "h" will be shown on the LCD DISPLAY area. You are now ready to reset the time of the STOP operation.
2. Push the TIMER OFF button again to set the time you want to stop the operation.
3. After setting the TIMER OFF, there will be a one-half second delay before the remote controller transmits the signal to the air conditioner. Then, after approximately another 2 seconds, the signal "h" disappears and the set temperature will re-appear on the digital display.

Features of remote controller

- ① **MODE Select Button:** Each time you push the button, a mode is selected in a sequence that goes from AUTO, COOL, DRY, HEAT, and FAN, as the following figure indicates:

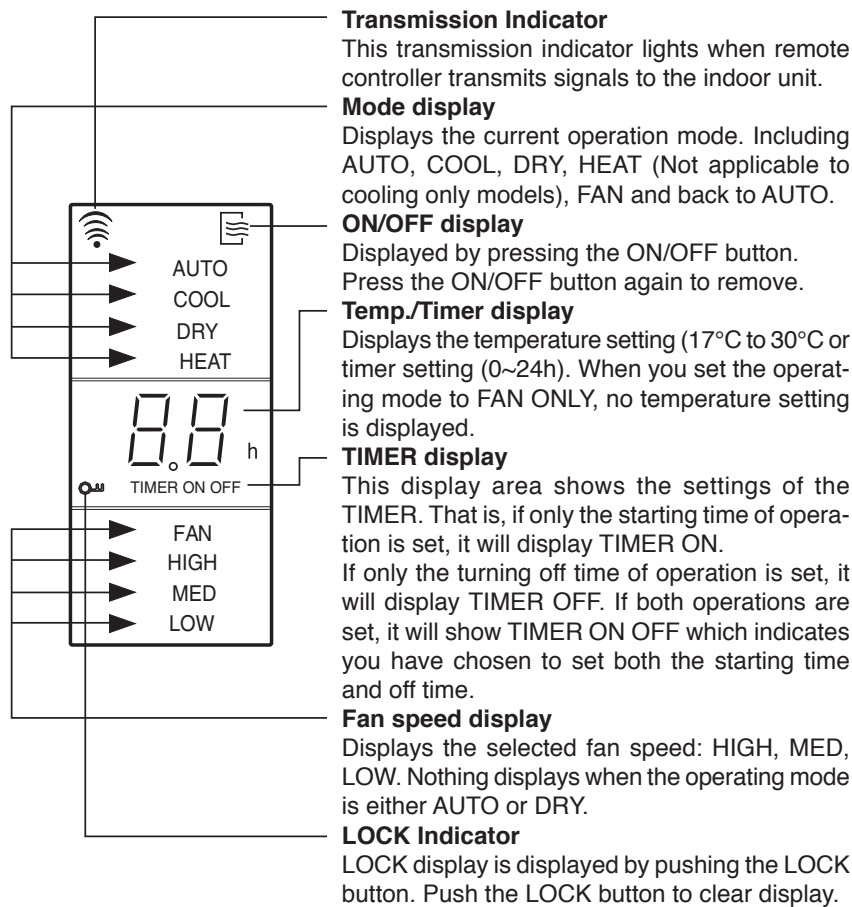


▲ **NOTE:** COOL only model has no HEAT feature.

- ② **FAN SPEED Button:** This button is used for setting Fan Speed in the sequence that goes from AUTO, LOW, MED to HIGH, then back to AUTO.
- ③ **SWING Button:** Push this button, the louver would swing up and down automatically. Push again to stop it.
- ④ **TIMER ON Button:** Press this button to preset the time ON (start to operate). Each press will increase the time ON setting in 30 minutes increments. When the setting time displays 10:00, each press will increase the time ON setting in 60 minutes increments. To cancel the time ON program, simply adjust the time ON to 0:00.
- ⑤ **LED DISPLAY Button:** Press this button to clear the digital display in the air conditioner, press it again to activate it (Not applicable to units without this function).
- ⑥ **RESET Button:** When the RESET button is pushed, all of the current settings are cancelled and the control will return to the initial settings. (Use a 1mm little round stick to push the button)
- ⑦ **TURBO Button:** Push this button on COOL/HEAT mode, the air conditioner goes into powerful cooling or heating operation. Push again to cancel the TURBO function.
- ⑧ **SLEEP Button:** Press this button to go into the Energy-Saving operation mode. Press it again to cancel.
- ⑨ **ON/OFF Button:** Push this button to start the unit operation. Push the button again to stop the unit operation.
- ⑩ **AIR DIRECTION Button:** Push this button, the louver can be fixed at a desired angle. The louver swing (upward or downward) to a certain angle for each press. When the louver swings at an angle which would affect the cooling and heating efficiency of the air conditioner, it would automatically change the swing direction (upward or downward).
- ⑪ **TIMER OFF Button:** Press this button to preset the time OFF (turn off the operation). Each press will increase the time OFF setting in 30 minutes increments. When the setting time displays 10:00, each press will increase the time OFF setting in 60 minutes increments. To cancel the time OFF program, simply adjust the time OFF to 0:00

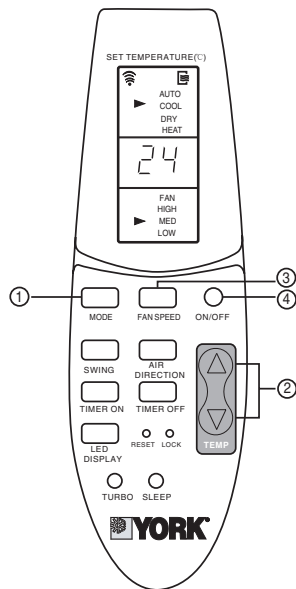
- ⑫ **TEMP Button ▲** : Press the button to increase the indoor temperature setting.
- ⑬ **TEMP Button ▼** : Press the button to decrease the indoor temperature setting.
- ⑭ **LOCK Button**: Push this button to lock all the current settings, push again to cancel the LOCK function.

Indicators on remote controller



▲ NOTE: All signs shown in the Fig. is for the purpose of clear presentation. But during the actual operation only the relative functional signs are shown on the display panel.

Cooling/Heating/Fan only operation



Start

Ensure unit is plugged and power is available. The OPERATION lamp on the display panel of the indoor unit starts flashing.

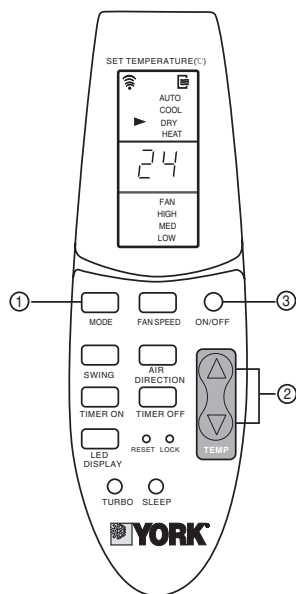
1. Mode select button (MODE)
Press to select COOL, HEAT (Not applicable to cooling only models), or FAN.
2. Temperature button (TEMP)
Set the desired temperature, the most comfortable temperature is between 21°C to 28°C.
3. Fan speed button (FAN SPEED)
Press to select "AUTO", "LOW", "MED" and "HIGH".
4. ON/OFF button
When the remote controller is off, push this button to start the air conditioner.

Stop

ON/OFF button

Push this button again to stop the air conditioner. The FAN ONLY mode does not control temperature. Therefore, perform only steps 1, 3, and 4 to select this mode.

Drying operation



Start

Ensure unit is plugged and power is available. The OPERATION indicator on the display panel of the indoor unit starts flashing.

1. Mode select button (MODE)
Press to select DRY.
2. Temperature button (TEMP)
Push the TEMP button to set the desired temperature, the most comfortable temperature is between 21°C to 28°C.
3. ON/OFF button
When the remote controller is off, push this button to start the air conditioner. No fan speed indicator displays. The Indoor fan speed will be automatically selected LOW.

Stop

ON/OFF button

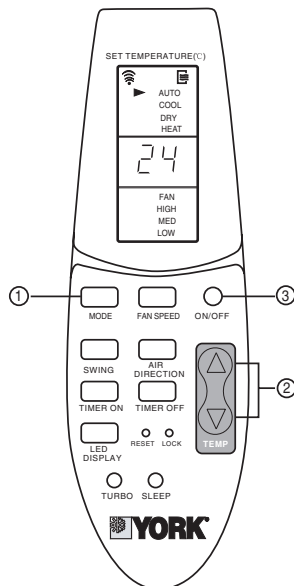
Push this button again to stop the air conditioner.

Note: The fan speed cannot be adjusted when the unit is in AUTO and DRY mode.

▲ NOTE:

Due to the difference of the set temperature of the unit and the actual indoor temperature, the Air Conditioner when in DRY mode will automatically operate many times without running the COOL and FAN mode.

Automatic operation



When you set the air conditioner in AUTO mode, it will automatically select cooling, heating (cooling only type without), or fan only operation depending on what temperature you have selected and the room temperature.

Once you select the operating mode, the operating conditions are saved in the unit's microcomputer memory.

Thereafter, the air conditioner will start operating under the same conditions when you simply push the ON/OFF button of the remote controller.

Start

Ensure the unit is plugged in and power is available. The OPERATION indicator on the display panel of the indoor unit starts flashing.

1. Mode select button (MODE)

Press to select AUTO.

2. Temperature button (TEMP)

Set the desired temperature. Normally, set it between 21°C to 28°C

3. ON/OFF button

When the remote controller is off, push this button to start the air conditioner.

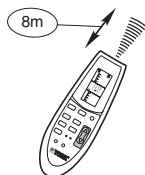
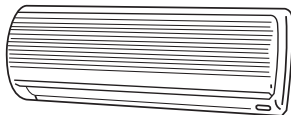
Stop

ON/OFF button

Push this button again to stop the air conditioner. If the AUTO mode is uncomfortable, you can select the desired conditions manually.

When you select the AUTO mode, you do not have to set the fan speed. The fan speed will be automatically controlled.

Handling the remote controller

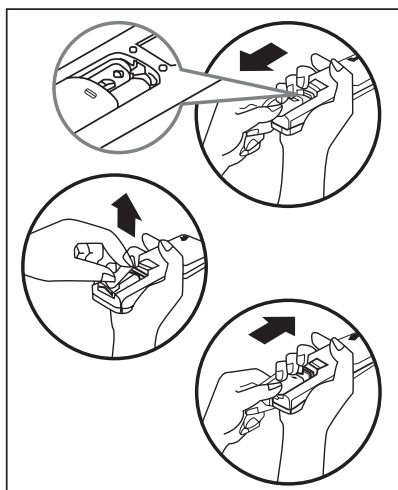


Location of the remote controller

- Keep the remote controller where its signals can reach the receiver of the indoor unit. (A distance of 8m is allowed.)
- When you select the timer operation, the remote controller automatically transmits a signal to the indoor unit at the specified time.
- If you keep the remote controller in a position that hinders proper signal transmission, a time lag of up to 15 minutes may occur.

▲ CAUTIONS

- The air conditioner will not operate if curtains, doors or other materials block the signals from the remote controller to the indoor unit.
- Prevent any liquid from falling into the remote controller. Do not expose the remote controller to direct sunlight or heat.
- If the infrared signal receiver on the indoor unit is exposed to direct sunlight, the air conditioner may not function properly. Use curtains to prevent the sunlight from falling on the receiver.
- If other electrical appliances react to the remote controller, either move these appliances or consult your local dealer.



Replacing batteries

The remote controller uses two alkaline dry batteries (R03/LR03X2).

- (1) Slide the cover of the battery compartment off according to the arrow direction, then replace the old batteries with new ones.
- (2) Insert the new batteries making sure that the (+) and (-) of battery are installed correctly.
- (3) Reattach the cover by sliding it back into position.

